



# AXSWC-2 GENERAL INSTRUCTIONS

## INSTALLATION INSTRUCTIONS



### INTERFACE COMPONENTS

- AXSWC-2 Interface
- AXSWC-2 harness (12-pin harness with male 3.5mm jack)
- Female 3.5mm adapter



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## Steering Wheel Control Data Interface AXSWC-2 General Instructions

### INTERFACE FEATURES

- One Interface does it all – No additional interfaces needed
- Auto-detects the vehicle it is installed in and presets the controls
- Auto-detects the radio it's connected to
- Works with all radio brands
- Simple installation behind the radio
- Non-volatile memory retains settings even if battery is disconnected or interface is removed from the vehicle
- Can be manually programmed to most vehicles on the market
- Ability to dual-assign steering wheel control buttons
- Provides LED feedback
- Upgraded technology auto-detects radios with adaptive steering wheel controls (learning SWC)
- Dedicated installation help available at [AxxessInterfaces.com](http://AxxessInterfaces.com)
- Works with the free downloadable Axxess Updater mobile app for smartphones and tablets
- Micro "B" USB updatable for the most current applications
- U.S. Patent No.8257147

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Visit [AxxessInterfaces.com](http://AxxessInterfaces.com) for more detailed information about the product and up-to-date vehicle specific applications

### TOOLS REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape
- Wire cutter
- Zip ties

**ATTENTION:** With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections, especially the air bag indicator lights, are plugged in before reconnecting the battery or cycling the ignition to test this product.

**NOTE:** Refer also to the instructions included with the aftermarket accessory before installing this device.

## INSTALLATION PREPARATION

From [Axxessinterfaces.com](http://Axxessinterfaces.com), submit the vehicle information in the box titled **Vehicle Fit Guide & AXSWC-2 Install Instructions**, then select **GET PARTS**. This will take you to a page where you will be notified if your vehicle will work or not with the AXSWC-2 interface. If the interface is compatible, there will be a link under the green bar titled **AXSWC-2 Wiring Instructions**. Click on this link to open the PDF document for your specific vehicle. Print this document to have with you in the vehicle during the installation.

**Note:** Though we have done extensive research, testing, and verifying that the steering wheel control wires from the vehicles listed are correct, it is still the Installer's responsibility to verify that the steering wheel control wires are truly correct. If a discrepancy is found, please notify our Tech Department at **386-257-1187**, or [techsupport@metra-autosound.com](mailto:techsupport@metra-autosound.com).

## INSTALLATION

### 12-pin harness:

- Connect the **Black** wire to chassis ground.
- Connect the **Red** wire to the accessory power.
- Locate the steering wheel control wire(s) in the vehicles harness as noted in the AXSWC-2 vehicle specific document. Connect this wire(s) to the AXSWC-2.

**Note:** Axxess recommends that the wires are soldered for the best “copper-to copper” connection. Tapping style connectors are not recommended.

## INSTALLATION (CONT.)

### 3.5mm jack:

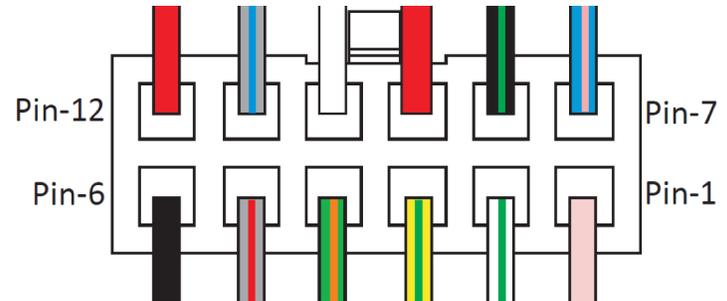
- **For the radios listed below:** Connect the *female 3.5mm connector with stripped leads*, to the male 3.5mm SWC jack from the AXSWC-2 harness. Any remaining wires tape off and disregard.
- **Eclipse:** Connect the steering wheel control wire, normally **Brown**, to the **Brown/White** wire from the connector. Then connect the remaining steering wheel control wire, normally **Brown/White**, to the **Brown** wire from the connector.
- **Metra OE:** Connect the steering wheel control Key 1 wire (**Gray**) to the **Brown** wire.
- **Kenwood or select JVC with a steering wheel control wire:** Connect the **Blue/Yellow** wire to the **Brown** wire.  
**Note:** If the **Kenwood** radio auto detects as a JVC, manually set the radio type to **Kenwood**. See the instructions under **Changing Radio Type**.
- **XITE:** Connect the steering wheel control SWC-2 wire from the radio to the **Brown** wire.
- **Parrot Asteroid Smart or Tablet:** Connect the 3.5mm jack to the AX-SWC-PARROT (sold separately). Then connect the 4-pin connector from the AX-SWC-PARROT to the radio.  
**Note:** The radio must be updated to rev. 2.1.4 or higher software.
- **Universal “2 or 3 wire” radio:** Connect the steering wheel control wire, referred to as Key-A or SWC-1, to the **Brown** wire from the connector. Then connect the remaining steering wheel control wire, referred to as Key-B or SWC-2, to the **Brown/White** wire from the connector. If the radio comes with a third wire for ground, disregard this wire.  
**Note:** After the interface has been programmed to the vehicle, refer to the manual provided with the radio for assigning the SWC buttons. Contact the radio manufacturer for more information.
- **For all other radios:** Connect the 3.5mm jack from the AXSWC-2 harness to the jack on the radio designated for an external steering wheel control interface. Please refer to the aftermarket radios manual if in doubt as to where the 3.5mm jack goes to.

## PROGRAMMING

- Program the AXSWC-2 as noted in the AXSWC-2 vehicle specific document.

## WIRE DESCRIPTION

Pin Cavity	Wire Color	Input Description
1	Pink	CAN-HI or Serial Data
2	White/Green	Negative SWC
3	Yellow/Green	Positive SWC
4	Green/Orange	Negative SWC
5	Gray/Red	Negative SWC
6	Black	Chassis Ground
7	Blue/Pink	CAN-LO
8	Black/Green	Negative SWC
9	Red (skinny)	Tip of 3.5 jack
10	White (skinny)	Ring of 3.5 jack
11	Gray/Blue	Negative SWC
12	Red	Accessory Power





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INSTALLATION INSTRUCTIONS



Having difficulties? We're here to help.



Contact our Tech Support line at:

**386-257-1187**



Or via email at:

[techsupport@metra-autosound.com](mailto:techsupport@metra-autosound.com)

### Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 5:00 PM

Sunday: 10:00 AM - 4:00 PM



**Metra recommends MECP  
certified technicians**